



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F15324T-I/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F15324T-I/ST                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 14TSSOP                                                                                |
|                     | <a href="#">1.PIC16F15324T-I/ST.pdf</a>                                                                      |
|                     | <a href="#">2.PIC16F15324T-I/ST.pdf</a>                                                                      |
|                     | <a href="#">3.PIC16F15324T-I/ST.pdf</a>                                                                      |
|                     | <a href="#">4.PIC16F15324T-I/ST.pdf</a>                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

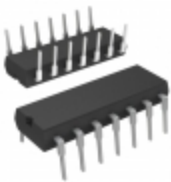
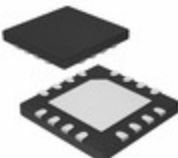
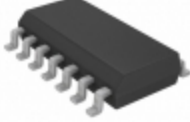
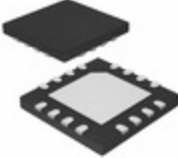
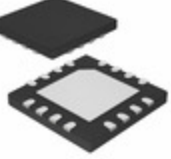
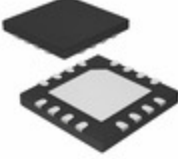
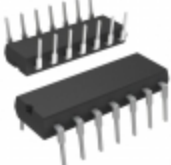
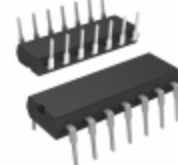
Specifications of PIC16F15324T-I/ST

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F15324T-I/ST                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 14TSSOP                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                               |
| DATA SHEET                       | <a href="#">1.PIC16F15324T-I/ST.pdf</a><br><a href="#">2.PIC16F15324T-I/ST.pdf</a><br><a href="#">3.PIC16F15324T-I/ST.pdf</a><br><a href="#">4.PIC16F15324T-I/ST.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                                                                                 |
| SPEED                            | 32MHz                                                                                                                                                                    |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                            |
| RAM SIZE                         | 512 x 8                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                         |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                          |
| OTHER NAMES                      | PIC16F15324T-I/ST-ND<br>PIC16F15324T-I/STTR                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                        |
| NUMBER OF I/O                    | 12                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                               |
| EEPROM SIZE                      | 224 x 8                                                                                                                                                                  |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 14-TSSOP                                                                                            |
| DATA CONVERTERS                  | A/D 11x10b, D/A 1x5b                                                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                                                                      |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                             |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16F15324T-I/ST | PIC16F15324T-I/ST Distributor          | PIC16F15324T-I/ST Supplier                               |
| PIC16F15324T-I/ST Price                         | PIC16F15324T-I/ST Pictures             | PIC16F15324T-I/ST Image                                  |
| PIC16F15324T-I/ST PDF Datasheet                 | PIC16F15324T-I/ST Download Datasheet   | PIC16F15324T-I/ST Datasheet                              |
| PIC16F15324T-I/ST Stock                         | Buy PIC16F15324T-I/ST                  | Buy Micrel / Microchip Technology PIC16F15324T-I/ST      |
| Micrel / Microchip Technology PIC16F15324T-I/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16F15324T-I/ST | Microchip Technology PIC16F15324T-I/ST | Roving Networks / Microchip Technology PIC16F15324T-I/ST |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
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|  <div><b>PIC16F15325-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8-BIT 14KB FLASH 14DIP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>PIC16F15324-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16UQFN<br/>In stock: 686 pcs<br/>RFQ</div>     |
|  <div><b>PIC16F15325-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8-BIT 14KB FLASH 14TSSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16F15324-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 270 pcs<br/>RFQ</div>     |
|  <div><b>PIC16F15324-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 410 pcs<br/>RFQ</div>     |  <div><b>PIC16F15324T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16F15325-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8-BIT 14KB FLASH 14SOIC<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>PIC16F15325-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8-BIT 14KB FLASH 16UQFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16F15324T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16UQFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC16F15325-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8-BIT 14KB FLASH 16UQFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16F15325-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8-BIT 14KB FLASH 14DIP<br/>In stock: 229 pcs<br/>RFQ</div>      |  <div><b>PIC16F15324-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14DIP<br/>In stock: 841 pcs<br/>RFQ</div>       |